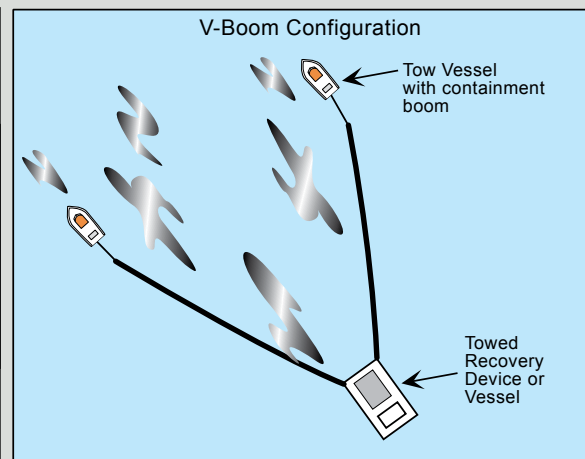
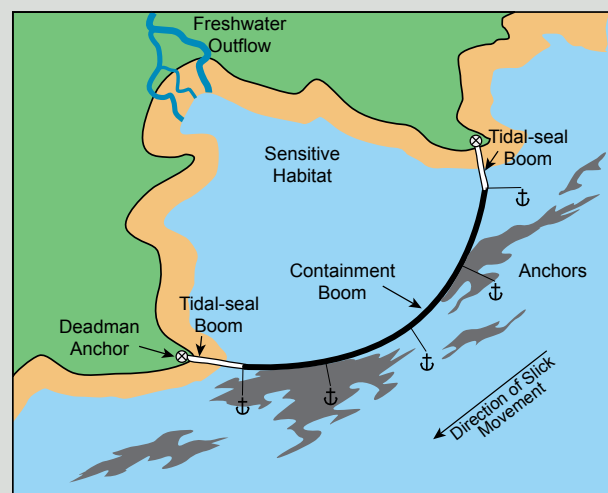


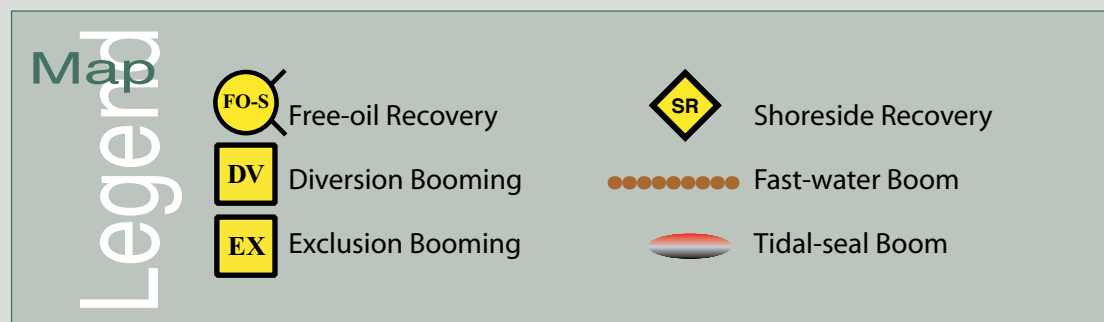
An example of the *Diversion Booming Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Free-oil Recovery Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Exclusion Booming Tactic*. Actual deployment should be adjusted for local conditions.



Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

Geographic Response Strategies for Western Alaska Subarea, Southern Zone

Kangirlvar Bay, WAK-S01

Center of map at 60° 28.55' N Lat., 165° 08.23' W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-01-01 <div>DV</div>	Kangirlvar Bay Tooksook Bay a. Lat. 60°31.91'N Lon. 165°06.25'W Alackuchak Creek b. Lat. 60° 32.62'N Lon. 165°03.82'W Tooksook River c. Lat. 60° 30.21'N Lon. 164°58.26'W	Divert and Collect Divert oil to shore side collection location on the shore of the identified creeks and rivers in Kangirlvar Bay	Deploy anchors and boom with skiffs (class 6). Place fast-water boom at the proper angle to divert incoming oil to the collection sites. For (c) cascade 3 sections of boom to deflect the oil to the collection site. Complete the arrays with 60 sections of tidal seal boom. Set up shore-side recovery and tend throughout the tide. Boom Lengths: a. 300 ft b. 300 ft. c. 900 ft.	Deployment Equipment 1500 ft. fast-water boom 180 ft. tidal seal boom 10 ea. anchor systems 12 ea. anchor stakes 3 ea. shore-side recovery systems Vessels 3 ea. class 6 Personnel/Shift 6 ea. vessel crew/general techs 4 ea. response techs Tending Vessels 2 ea. class 6 Personnel/Shift 4 ea. vessel crew/general techs 3 ea. skilled tech	Tooksook Bay	Via marine waters Chart 16006	Fish- intertidal spawning-salmon, herring (June-Sept.), arctic char, sheefish,white fish, Birds-waterfowl, seabird and shorebird concentration Marine mammals- seals Habitat- exposed tidal flats, peat shoreline, marsh Human use-subsistence	Vessel master should have local knowledge. Use appropriate measures as outlined in the STAR manual to protect the shoreline. Title 41 permitting required from ADNR. Surveyed: not yet Tested: not yet
S-01-02 <div>EX</div>	Kangirlvar Bay Lat. 60° 31.40'N Lon. 164°57.67'W	Exclusion Exclude oil from impacting the identified stream and in Kangirlvar Bay.	Deploy anchors and boom with skiffs (class 6) at high tide. Place fast-water boom in a chevron pattern across the mouths of the identified stream. Complete the array with 60 ft. of tidal seal boom on each leg. Tend throughout the tide.	Deployment Equipment 200 ft. fast-water boom 120 ft. tidal seal boom 19 ea. anchor systems 16 ea. anchor stakes Vessels/Personnel/Shift Same as S-01-01 Tending Vessels/Personnel/Shift Same as S-01-01	Tooksook Bay	Via marine waters Chart 16006	Same as S-01-01	Vessel master should have local knowledge.
S-01-03 <div>FO-S</div>	Kangirlvar Bay Nearshore waters in the general area of: Lat. 60° 28.55'N Lon. 165°08.23'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Kangirlvar Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Kangirlvar Bay. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Tooksook Bay	Via marine waters Chart 16006	Same as S-01-01	Vessel master should have local knowledge. Use extreme caution, shallow waters with shifting channels and bars.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Western Alaska Subarea Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_wak.htm.